L Number	12:19
doo-hyun	
CLCD or (liquid adj crystal)) and (yamada-nobuaki shimoshikiryo-fumikazu kume-yasuhiro kozaki-shuichi adachi-takako terashita-shinichi kurihara-takashi)	13:22
(yamada-nobuaki shimoshikiryo-fumikazu kume-yasuhiro kozaki-shuichi adachi-takako terashita-shinichi kurihara-takashi) (LCD or (liquid adj crystal)) and kim-kyeong-jin ("6568650" "5737051" "5574582" "5517342" USPAT 2001/11/19 "4728175").pn. 21 (LCD or (liquid adj crystal)) and USPAT 2001/11/19 (LIEN-SHUI-CHIH-A LIEN-SHUI-CHIH-ALAN LIEN-SHUI-CHIH-ALAN LIEN-SHUI-CHIN-ALAN) LIEN-SHUI-CHIN-ALAN) (LCD or (liquid adj crystal)) and USPAT 2001/11/19 (KOMA-NORHIKO KOMA-NORIKO KOMA-NORIO) (LCD or (liquid adj crystal)) and USPAT 2001/11/19 (KOMA-NORHIKO KOMA-NORIKO KOMA-NORIO) (LCD or (liquid adj crystal)) and USPAT 2001/11/19 (horie-wataru okamoto-masayuki yamahara-motohiro shiomi-makoto) not (yamada-nobuaki shimoshikiryo-fumikazu kume-yasuhiro kozaki-shuichi adachi-takako terashita-shinichi kurihara-takashi) 349/129.ccls. 153 349/129.ccls. and (349/129.ccls. uSPAT 2001/11/19 25 349/121.ccls. not 349/129.ccls. not 349/129.ccls. 349/122.ccls. and (domain or multidomain or multi-domain) or multi-domain) not 349/191.ccls. not 349/129.ccls. 349/120.ccls. and (domain or multidomain or multi-domain) and dielectric and auxiliary not 349/129.ccls. 116 349/\$.ccls. and (multidomain or uSPAT 2001/11/19 1201/11/19 134 349/\$.ccls. and (dielectric and iuspan 2001/11/19 14 "05297412" 153 349/39.ccls. and 349/110,111.ccls. USPAT 2001/11/19 15229873" "5309264" "5608556" USPAT 2001/11/20 15229873" "5309264" "5608556" USPAT 2001/11/20 15229873" "5309264" "5608556" USPAT 2001/11/20 154("4639087" "4869576" "5136407" USPAT 2001/11/20 155(41974" "5666179" "5724107" USPAT 2001/11/20 15767926" "5953093" "5968556" USPAT 2001/11/20 15767926" "5953093" "5995176" USPAT 2001/11/20	13:22
Rume-yasuhiro kozaki-shuichi adachi-takako terashita-shinichi kurihara-takashi)	
terashita-shinichi kurihara-takashi) (LCD or (liquid adj crystal)) and kim-kyeong-jin 5 ("5668650" "5737051" "5574582" "5517342" "4728175"), pn. (LCD or (liquid adj crystal)) and USPAT 2001/11/19 (LIEN-SHUI-CHIH-A LIEN-SHUI-CHIH-ALAN LIEN-SHUI-CHIH-ALAN LIEN-SHUI-CHIH-ALAN) LIEN-SHUI-CHIH-A LIEN-SHUI-CHIH-ALAN LIEN-SHUI-C	
terashita-shinichi kurihara-takashi) (LCD or (liquid adj crystal)) and kim-kyeong-jin 5 ("5668650" "5737051" "5574582" "5517342" "2001/11/15" "4728175"), pn. 21 (LCD or (liquid adj crystal)) and USPAT 2001/11/15" (LIEN-SHUI-CHIH-ALIEN-SHUI-CHIH-ALIAN LIEN-SHUI-CHIH-ALIAN LIEN-SHU	
Skim=kyeong-jin	
Skim=kyeong-jin	14:23
S ("5688650" "5737051" "5574582" "5517342" USPAT "4728175").pn.	
- 21 (LCD or (liquid adj crystal)) and (LTEN-SHUI-CHIH-A LIEN-SHUI-CHIH-ALAN) LIEN-SHUI-CHIN-ALAN) - 16 (LCD or (liquid adj crystal)) and (KOMA-NORIKO KOMA-NORIO) - 24 (LCD or (liquid adj crystal)) and (Morie-wataru okamoto-masayuki yamahara-motohiro shiomi-makoto) not (yamada-nobuaki shimoshikiryo-fumikazu kume-yasuhiro kozaki-shuichi adachi-takako terashita-shinichi kurihara-takashi) - 153 349/129.ccls 25 349/129.ccls. and (domain or multidomain or multi-domain) not 349/191.ccls. not 349/129.ccls. not 349/129.ccls 34 349/2.ccls. and (domain or multidomain or multi-domain) and dielectric and auxiliary not 349/191.ccls. not 349/129.ccls 16 349/3.ccls. and (multidomain or multi-domain) and dielectric and auxiliary not 349/191.ccls. not 349/129.ccls 17 (349/5.ccls. and (multidomain or multi-domain) not 349/191.ccls. not 349/129.ccls 18 349/3.ccls. and (multidomain or multi-domain) not 349/191.ccls. not 349/129.ccls 10 349/5.ccls. and (dielectric adj frame) - 16 349/39.ccls. and (dielectric adj frame) - 17 ("4633087" "4869576" "5136407" USPAT 2001/11/20 2001/1	14:32
CLCD or (liquid adj crystal)) and	
CLIEN-SHUI-CHIN-A LIEN-SHUI-CHIH-ALAN LIEN-SHUI-CHIN-ALAN LI	14:35
LIEN-SHUI-CHIN-ALAN (LCD or (liquid adj crystal)) and (KCMA-NORIHIKO KOMA-NORIKO KOMA-NORIO) 24 (LCD or (liquid adj crystal)) and (horie-wataru okamoto-masayuki yamahara-motohiro shiomi-makoto) not (yamada-nobuaki shimoshikiryo-fumikazu kume-yasuhiro kozaki-shuichi adachi-takako terashita-shinichi kurihara-takashi) 153 349/129.ccls. USPAT 2001/11/19 66 349/191.ccls. not 349/129.ccls. USPAT 2001/11/19 70 349/129.ccls. USPAT 2001/11/19 10 349/129.ccls. OSPAT 2001/11/19 10 349/129.ccls. OSPAT 2001/11/19 10 349/129.ccls. OSPAT 2001/11/19 10 349/129.ccls. OSPAT 2001/11/19 11 349/3.ccls. OSPAT 2001/11/19 12 349/3.ccls. OSPAT 2001/11/19 13 349/3.ccls. OSPAT 2001/11/19 14 ("4639087" "4869576" "5136407" USPAT 2001/11/20 15 3229873" "5309264" "5724107" USPAT 2001/11/20 16 "5641974" "5666179" "5724107" USPAT 2001/11/20 "5767926" "5953093" "5995176" "5724107" USPAT 2001/11/20 16 3497300000000000000000000000000000000000	
16	
CKOMA-NORIHIKO KOMA-NORIKO KOMA-NORIO)	15.02
CLCD or (liquid adj crystal)) and (horie-wataru okamoto-masayuki yamahara-motohiro shiomi-makoto) not (yamada-nobuaki shimoshikiryo-fumikazu kume-yasuhiro kozaki-shuichi adachi-takako terashita-shinichi kurihara-takashi)	13.02
(horie-wataru okamoto-masayuki yamahara-motohiro shiomi-makoto) not (yamada-nobuaki shimoshikiryo-fumikazu kume-yasuhiro kozaki-shuichi adachi-takako terashita-shinichi kurihara-takashi) 153 349/129.ccls. 66 349/191.ccls. not 349/129.ccls. 25 349/122.ccls. and (domain or multidomain or multi-domain) not 349/191.ccls. not 349/129.ccls. 34 349/29.ccls. and (domain or multidomain or multi-domain) and dielectric and auxiliary not 349/191.ccls. not 349/191.ccls. not 349/129.ccls. 116 349/39.ccls. and (multidomain or multi-domain) not 349/191.ccls. not 349/191.ccls. not 349/191.ccls. not 349/191.ccls. not 349/129.ccls. 1 "05297412" 1 "05297412" 1 "05297412" 1 "06285431.URPN. 1 ("4639087" "4869576" "5136407" USPAT 2001/11/20 ("6285431.URPN. 1 "5767926" "5953093" "5995176" USPAT 2001/11/20 ("5767926" "57641974" "5666179" "5724107" USPAT 2001/11/20 ("5767926" "5953093" "5995176"	15.04
yamahara-motohiro shiomi-makoto) not	15.04
kume-yasuhiro kozaki-shuichi adachi-takako terashita-shinichi kurihara-takashi) 153 349/129.ccls. USPAT 2001/11/15 2001/11/	
terashita-shinichi kurihara-takashi) 349/129.ccls. USPAT 2001/11/19 2001/	
- 153 349/129.ccls. USPAT 2001/11/19	
- 66 349/191.ccls. not 349/129.ccls. USPAT 2001/11/19 201/11/19 349/129.ccls. and (domain or multidomain or multidomain or multi-domain) not 349/191.ccls. not 349/129.ccls. and (domain or multidomain or multi-domain) and dielectric and auxiliary not 349/191.ccls. not 349/129.ccls. 349/\$.ccls. and (multidomain or multi-domain) not 349/191.ccls. not 349/129.ccls. and (multidomain or multi-domain) not 349/191.ccls. not 349/129.ccls. and 349/191.ccls. not 349/129.ccls. and 349/191.ccls. not 349/129.ccls. and 349/110,111.ccls. USPAT 2001/11/20 2	15.15
- 25 349/122.ccls. and (domain or multidomain or multi-domain) not 349/191.ccls. not 349/129.ccls. - 34 349/\$\frac{1}{2}\text{.ccls.}\text{ and (domain or multidomain or multi-domain) and dielectric and auxiliary not 349/191.ccls. not 349/129.ccls. - 116 349/\$\frac{1}{2}\text{.ccls.}\text{ and (multidomain or multi-domain) not 349/191.ccls. not 349/129.ccls. - 1 "05297412" - 16 349/\$\frac{1}{2}\text{.ccls.}\text{ and 349/110,111.ccls.} USPAT 2001/11/20 2001/1	
or multi-domain) not 349/191.ccls. not 349/129.ccls. 34	
349/129.ccls. 349/\$.ccls. and (domain or multidomain or multi-domain) and dielectric and auxiliary not 349/191.ccls. not 349/129.ccls. - 116 349/\$.ccls. and (multidomain or multi-domain) not 349/191.ccls. not 349/191.ccls. not 349/129.ccls. - 1 "05297412" - 16 349/\$.ccls. and 349/110,111.ccls.	10:12
- 34 349/\$.ccls. and (domain or multidomain or multi-domain) and dielectric and auxiliary not 349/191.ccls. not 349/129.ccls. - 116 349/\$.ccls. and (multidomain or multi-domain) not 349/191.ccls. not 349/191.ccls. not 349/129.ccls. - 1 "05297412" JPO 2001/11/20 16 349/\$.ccls. and 349/110,111.ccls. USPAT 2001/11/20 16 349/\$.ccls. and (dielectric adj frame) USPAT 2001/11/20 16 6285431.URPN. - 14 ("4639087" "4869576" "5136407" USPAT 2001/11/20 1/20 1/20 1/20 1/20 1/20 1/2	
multi-domain) and dielectric and auxiliary not 349/191.ccls. not 349/129.ccls. 116	10.10
not 349/191.ccls. not 349/129.ccls. 349/\$.ccls. and (multidomain or multi-domain) not 349/191.ccls. not 349/129.ccls. 349/129.ccls. JPO 2001/11/20 2001	18:10
- 116 349/\$.ccls. and (multidomain or multi-domain) not 349/191.ccls. not 349/129.ccls. JPO 2001/11/20	
multi-domain) not 349/191.ccls. not 349/129.ccls. 1	
349/129.ccls.	18:21
- 1 "05297412" JPO 2001/11/20 - 16 349/39.ccls. and 349/110,111.ccls. USPAT 2001/11/20 - 0 349/\$.ccls. and (dielectric adj frame) USPAT 2001/11/20 - 0 6285431.URPN. USPAT 2001/11/20 - 14 ("4639087" "4869576" "5136407" USPAT 2001/11/20 - "5229873" "5309264" "5608556" "5641974" "56666179" "5724107" "5767926" "5953093" "5995176"	
- 16 349/39.ccls. and 349/110,111.ccls. USPAT 2001/11/20 0 349/\$.ccls. and (dielectric adj frame) USPAT 2001/11/20 0 6285431.URPN. USPAT 2001/11/20 14 ("4639087" "4869576" "5136407" USPAT 2001/11/20 "5229873" "5309264" "5608556" "5641974" "56666179" "5724107" "5767926" "5953093" "5995176"	
- 0 349/\$.ccls. and (dielectric adj frame) USPAT 2001/11/20 0 6285431.URPN. USPAT 2001/11/20 2001/11/20 14 ("4639087" "4869576" "5136407" USPAT 2001/11/20 2001	
- 0 6285431.URPN.	
- 14 ("4639087" "4869576" "5136407" USPAT 2001/11/20	
"5229873" "5309264" "5608556" "5641974" "5666179" "5724107" "5767926" "5953093" "5995176"	
"5641974" "5666179" "5724107" "5767926" "5953093" "5995176"	18:07
"5767926" "5953093" "5995176"	
1 - 6 5007300 UPDN	. 10 11
- 6 5907380.URPN. USPAT 2001/11/20	
	18:12
"4997264" "5000545" "5084778"	
"5172255" "5309264" "5313562"	
"5418635" "5434690" "5453862"	
"5477351" "5493426" "5493429"	
"5500750" "5576862" "5610741"	
"5644372" "5654782" "5726727"	•
"5745206").PN.	
- 20 5608556.URPN. USPAT 2001/11/20	
- 1 349/\$.ccls. and fujitsu and MVA USPAT 2001/11/20	
4 349/\$.ccls. and fujitsu and multi-domain USPAT 2001/11/20	
- 15 349/129,191.ccls. and @pd>20011115 USPAT 2002/10/18	
25 23 349/129,191.ccls. and @pd>20020315 USPAT 2002/10/18	
39 1 5694185.pn. USPAT 2002/10/18	
34 10 349/110.ccls. and ((color adj filter) with USPAT 2002/10/18	22.45
(black adj matrix) with overlap)	22.43

AS 10/19/02